

ROTBLOC 1.4

THE NEXT GENERATION 2019

Specifications for commercial ROTBLOC installations for new products and programs recently launched and distributed.

ROTBLOC FULL PATENT # 8887452

KEN CARHART: 541-977-9901 / KEN@ROTBLOC.COM
PRINCIPLE OWNER

ROTBLOC LLC / BEND, OREGON / 1-800-888-8888

RENEW
REPURPOSE
RECYCLE
CONSERVATION
ZEROWASTE

TABLE OF CONTENTS

WHAT THE CORREC INSTALLATION LOOKS LIKE. **PG. 3**

NEXT GENERATION ROTBLOC PRODUCTS FOR AG: **PG. 4**

ROTBLOC PRE-MEASURED AND PERFORATED ROLLS:
NEW RED, WHITE AND BLUE PROGRAM **PG. 5**

ROTBLOC: INTEGRITY UNDER PRESSURE. **PG 6**

ROTBLOC INTEGRATED FEATURES **PG. 7**

ROTBLOC INSTALL: WRAP IT & TACK IT **PG. 8**

POST POUNDERS WITH ROTBLOC. **PG. 9**

ROTBLOC DESIGNED FOR CONVENTIONAL CHEMICALLY TREATED WOOD:
WHAT IS GOOD, BETTER, BEST. **PG. 10**

ROTBLOC FOR ORGANICS: KEYS TO SUCCESS. **PG. 11**

ROTBLOC FOR ORGANICS CONTINUED: OBJECTIVES AND EXPECTATIONS
PG. 12

ORGANICS CONTINUED: SERVICE-LIFE REFERENCE CHARTS **PG. 13**

ORGANICS CONTINUED: SUMMARY FOR SUCCESS **PG. 14**

**ADAPTIVE SEAL FACES INWARD
CREATING DEFLECTION OF
MOISTURE AND ORGANIC DEBRIS.**

VISIBILITY OF ROTBLOC ABOVE GROUND-LINE IS CRITICAL!

**USING THE GROUND-LINE INDICATOR
AS YOUR RESTING POINT, SET
ROTBLOC 2 INCHES ABOVE
THE GROUND-LINE.**



CORRECT INSTALLATION

ROTLOC *for* THE NEXT GENERATION AGRICULTURE CHEMICALLY TREATED WOOD



13.5 IN. X 180 FT. COMMERCIAL ROLL

THE DEPTH OF PROTECTION IS UTILIZED FOR STABLE GROUND-LINES TYPICAL FOR RANCH FENCING OR INTERNAL TRELLIS POLES FOR VINEYARDS, ORCHARDS AND HOPS.

20 IN. X 120 FT. COMMERCIAL ROLL

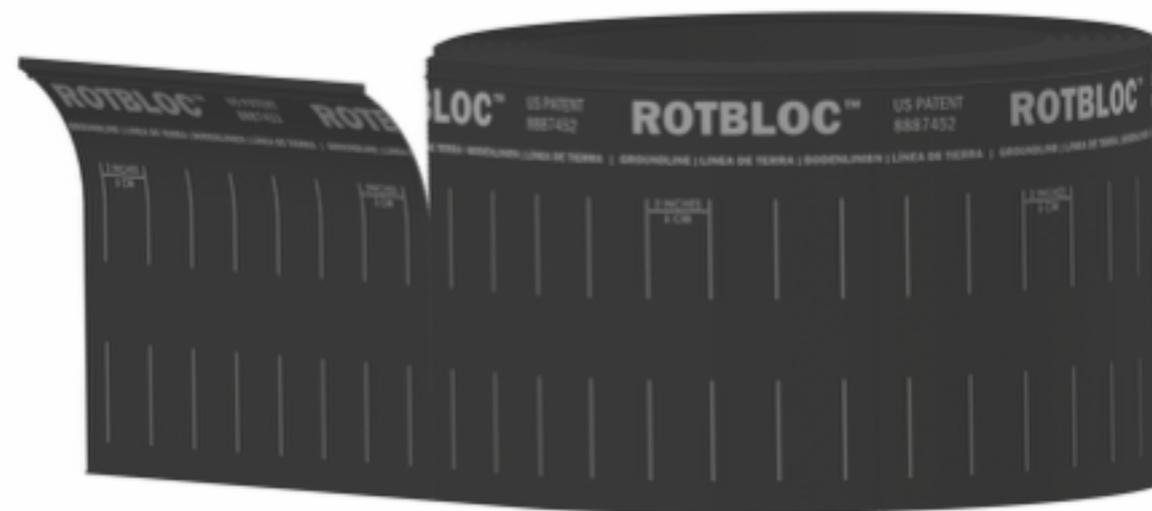
THE DEPTH OF PROTECTION IS UTILIZED FOR COMPREHENSIVE PROTECTION UTILIZED FOR ANCHOR POLES OR FOR THOSE WHO “HILL” THEIR SOIL ROWS.

30 IN. X 80 FT. COMMERCIAL ROLL

THE DEPTH OF PROTECTION IS UTILIZED FOR COMPLETE FULL COVERAGE TYPICAL ANCHOR POLES OR UNTREATED WOOD: **SEE ORGANIC GUIDELINES** AND INSTALL INSTRUCTIONS.

ROTBLOC PRE-MEASURED PERFORATED ROLLS

ROTBLOC LLC WILL NOW OFFER STANDARDIZED
PRE-MEASURED PERFORATED ROLLS FOR
COMMERCIAL DISTRIBUTION. THESE ROLLS ARE
PERFORATED TO STANDARD MEASUREMENTS
THAT ARE WIDELY USED IN COMMERCIAL
AGRICULTURE. THIS NEW FEATURE ELIMINATES
HAVING TO MEASURE AND CUT IN THE FIELD,
SAVING TIME AND LABOR COSTS.



RED LABEL: 16 IN.

WHITE LABEL: 20 IN.

BLUE LABEL: 26 IN.

YELLOW LABEL: 30 IN.

GREEN LABEL: 38 IN.

NEW COLOR LABEL PROGRAM PRESSURED PERFORATED
MEASUREMENTS INCLUDES THE RECOMMENDED 2 IN. OVERLAP
AND APPLIES TO ALL 3 AGRICULTURE PRODUCTS.

ROTBLOC: INTEGRITY UNDER PRESSURE

**ROTBLOC IS MADE FROM 100% RECYCLED MATERIAL
SOURCED IN THE PACIFIC NORTHWEST.
ROTBLOC IS 100% RECYCLABLE TESTED AND PROVEN
IN FIELD STUDIES INITIATED AND MANAGED BY
OREGON STATE UNIVERSITY'S WOOD SCIENCE AND
RESEARCH DEPARTMENT ON HILO, HAWAII.
EVERY YEAR FOR THE PAST 6 YEARS THESE TESTS
HAVE DEMONSTRATED THAT ROTBLOC HAS
PREVENTED THE CHEMICALS WITH CONVENTIONALLY
TREATED WOOD FROM LEACHING INTO THE
SURROUNDING SOIL, AND HAS NOT BROKEN DOWN
UNDER EXTREME UVA AND ENVIRONMENTAL
PRESSURES. ROTBLOC HAS SUCCESSFULLY
MAXIMIZING THE SERVICE LIFE OF THE WOOD POSTS
AND UNITS USED IN THE STUDY.**

LDPE: The compound we have chosen has decades of research and development. It is impervious to chemicals and and water. Maintaining its integrity under extreme UVA and environmental conditions and biodiversity, it remains flexible, intact and has proven durable.

ADAPTIVE SEAL: This integrated feature is an inward facing flange that provides a substantial seal at the top edge of the product. It is designed to maintain contact with the wooden post to help keep out organic debris.



• NOTE: SEE PRE-MEASURED PERFORATED PRODUCTS THAT ELIMINATE MEASURING AND CUTTING IN THE FIELD.

ROTBLOC

INTEGRATED FEATURES



1. ADAPTIVE SEAL IS PLACED ABOVE THE GROUND-LINE.

2. GROUND-LINE INDICATOR. SET YOUR POLE USING THE GROUND-LINE INDICATOR, LEAVING TWO INCHES OF ROTBLOC VISIBLE ABOVE GROUND.

3. INSTRUCTIONS ARE PRINTED IN ENGLISH, SPANISH, GERMAN AND ITALIAN.

4. 2 INCH MEASUREMENTS OUTLINED ON EVERY ROLL FOR EASY MEASURING AND VERTICAL CUTTING.

ROTBLOC INSTALL WRAP IT & TACK IT

NOTE: SEE PRE-MEASURED PERFORATED PRODUCTS THAT ELIMINATE MEASURING AND CUTTING IN THE FIELD.

1. MEASURE THE CIRCUMFERENCE OF YOUR POST.
2. ADD 2 INCHES FOR THE OVERLAP.
3. CUT USING A UTILITY KNIFE.

NOTE: REFERENCE THE TWO INCH VERTICAL LINES PRINTED ON YOUR ROTBLOC. YOU CAN ALSO MAKE A JIG.

4. WRAP ROTBLOC AROUND YOUR POLE AND POSITION WITH TWO INCHES OF ROTBLOC VISIBLE ABOVE YOUR GROUND-LINE.

NOTE: IF YOU ARE HILLING...INSTALL ROTBLOC HIGHER ON THE POLE TO ACCOUNT FOR THIS AGRICULTURAL PRACTICE.

5. WRAP AS TIGHTLY AS POSSIBLE TO ENGAGE THE ADAPTIVE SEAL AT THE TOP.
6. USE A HAMMER-TACKER OR A HEAVY DUTY STAPLER WITH 1/2" STAPLE. STAPLE NEAR THE EDGE, & DOWN TO THE SEAM, SECURING ROTBLOC AS TIGHTLY AS POSSIBLE TO THE BOTTOM OF THE SEAM.

NOTE: SMALLER STAPLES DO NOT WORK AS WELL.



• The Arrow Brand Hammer Tacker Stapler using a 1/2" staple is the preferred method of fastening.



EX: LIVE INSTALL IN AN ORCHARD IN CANADA WITH OUR ORIGINAL PRODUCT. **PHOTO:** ROTBLOC LLC ON-SITE.

POST POUNDERS WITH ROTBLOC

ROTBLOC IS ENGINEERED TO BE TOUGH ENOUGH!

HOW TO INSTALL ROTBLOC WITH A POST-POUNDER:

1. FOLLOW BASIC INSTRUCTIONS.

2. ADD EXTRA STAPLES AROUND THE BOTTOM EDGE OF ROTBLOC.

ALTERNATIVELY, SOME POST-POUNDERS LEAVE

A LARGE ENOUGH GAP IN THE GROUND AROUND

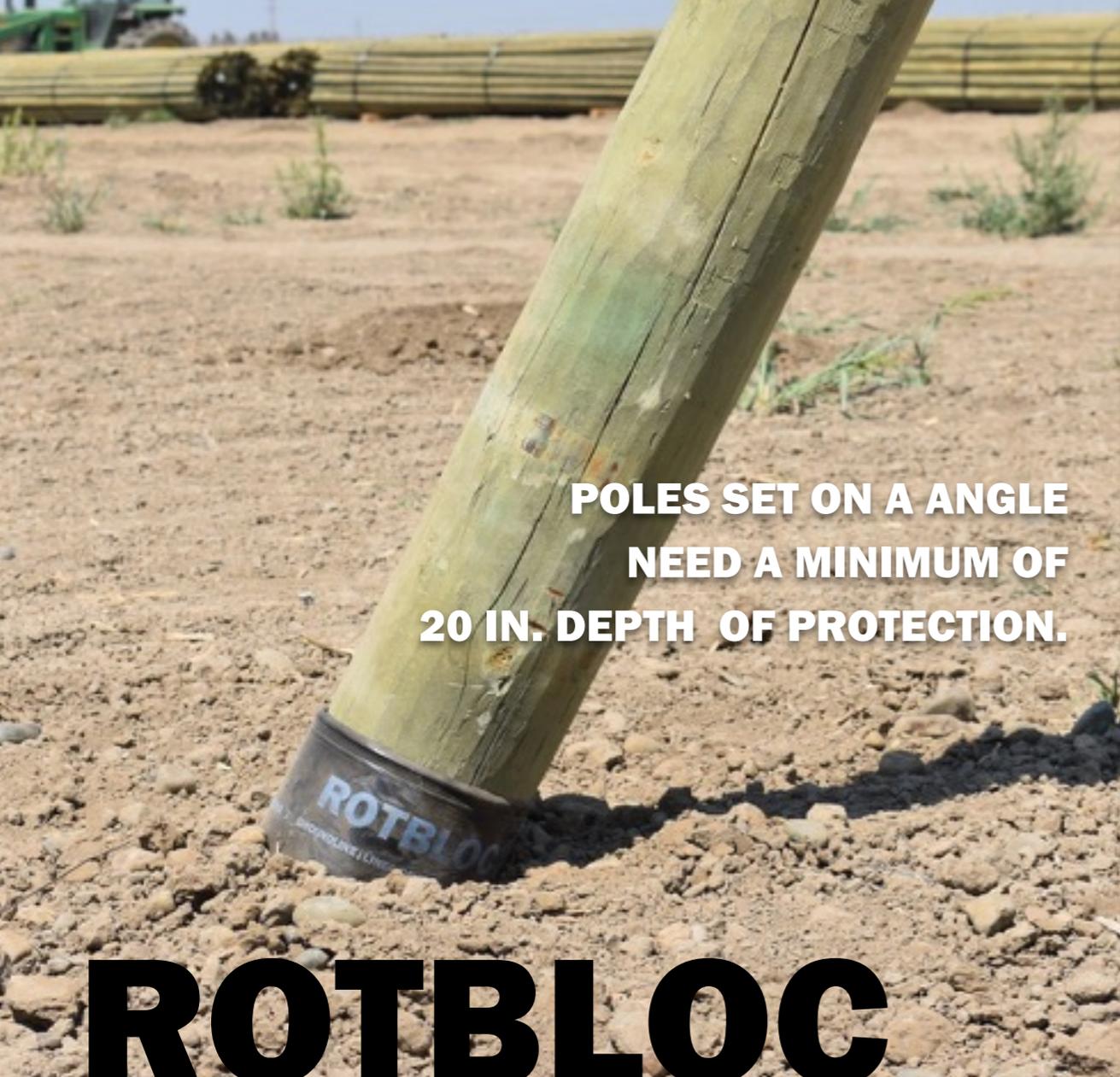
THE POST AFTER THE POST HAS BEEN INSTALLED.

WRAP ROTBLOC AROUND THE POST AND SLIDE IT

DOWN INTO THE HOLE. SIMPLY OVERLAP, STAPLE

AT THE TOP AND TAMP IN YOUR DIRT TO FILL IN THE

HOLE AND YOUR FINISHED!

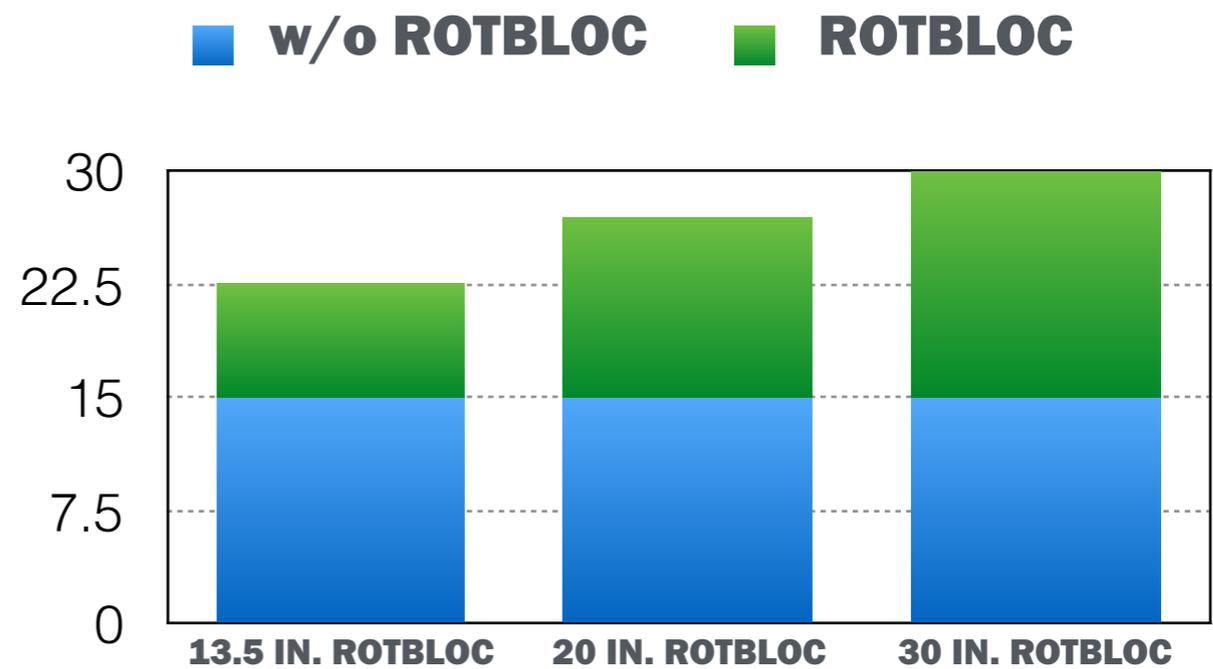


**POLES SET ON AN ANGLE
NEED A MINIMUM OF
20 IN. DEPTH OF PROTECTION.**

ROTBLOC

CHEMICALLY TREATED POLES

**POLES THAT ARE EXPENSIVE, ON ANGLE,
OR HAVE SIGNIFICANT LIABILITY
SHOULD ALWAYS BE WRAPPED WITH AT LEAST
20 IN. ROTBLOC. FOR BEST RESULTS USE
OUR 30 IN. WIDE PRODUCT.**



**The above chart is an estimate based on general available data.
Your specific results could vary relative to your post, soil types, and climate.
The benefits of ROTBLOC can be translated to a percentage of
increased years based on what you would normally get without it.**

THREE COMMERCIAL SIZED ROLLS TO FIT YOUR NEEDS:

- GOOD:** 13.5 IN. X 180 FT. for STABLE GROUND-LINES.
- BETTER:** 20 IN. X 120 FT. for ANCHOR OR HILLED POLES.
- BEST:** 30 IN. X 80 FT. for ANCHOR POLES.

ROTBLLOC *for* ORGANICS

Important keys to success!

**1. ALL YOUR POLES SHOULD BE BONE DRY:
A MINIMUM OF 6 MONTHS TO DRY.**

**NOTE (IMPORTANT!): GREEN (FRESH OFF THE
STUMP/HIGH MOISTURE CONTENT) SHOULD
NEVER BE USED.**

**2. ALL POLES SHOULD BE DEBARKED
AT LEAST WHERE ROTBLOC WILL BE APPLIED
TWO INCHES ABOVE THE GROUND-LINE
AND BELOW ALL THE WAY TO THE
BOTTOM/BUTT OF YOUR POLE.**

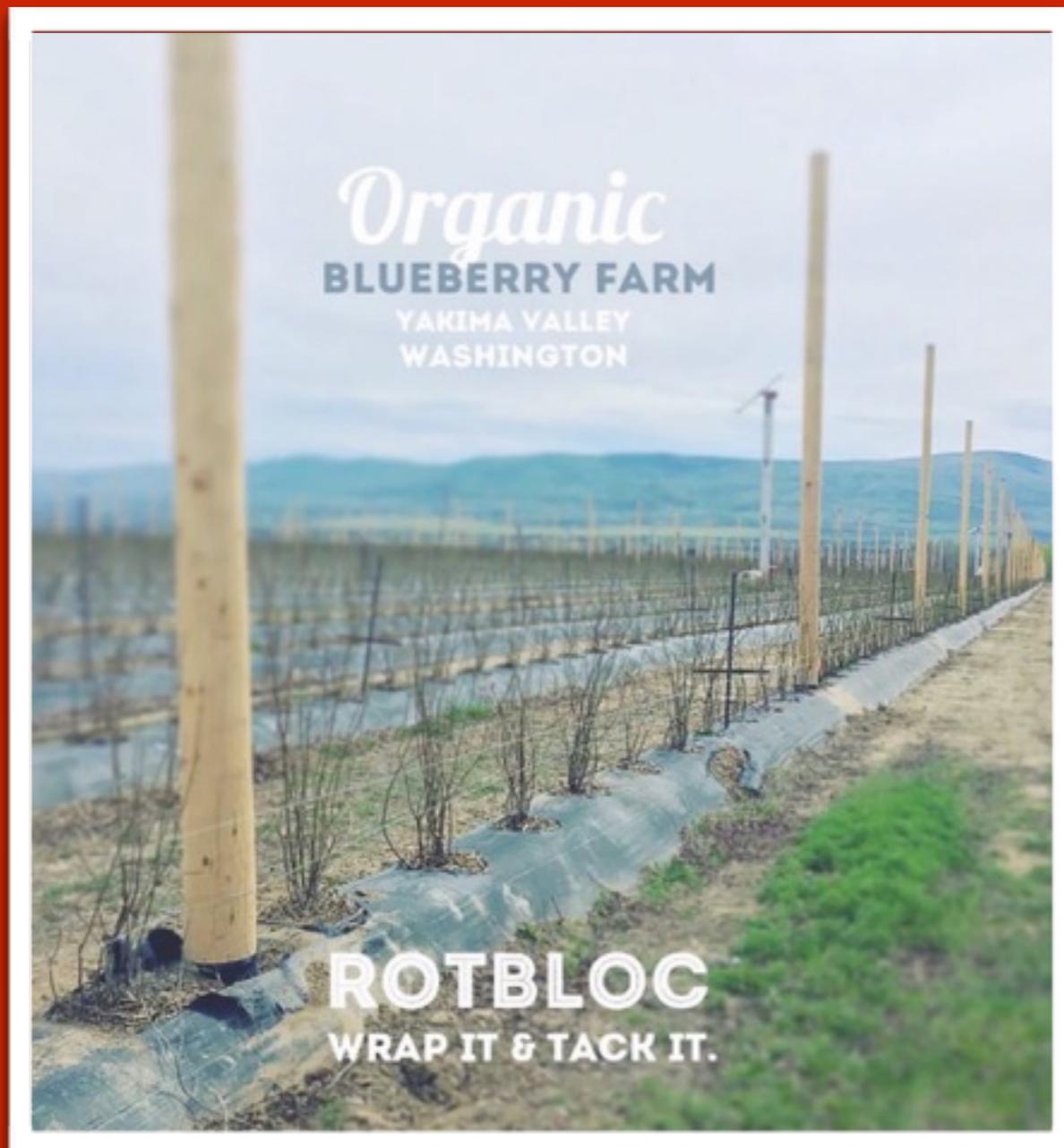
**3. UNTREATED WOOD POLES REQUIRE FULL
COVERAGE AND THE USE OF THE ROTBLOC 30 IN
PRODUCT IRREGARDLESS OF THE SPECIES.**

- **DRIP IRRIGATION IS IDEAL FOR UNTREATED POLES MINIMIZING
MOISTURE CONTACT WITH YOUR WOOD POLES.**



ROTBLOC *for* ORGANIC

OBJECTIVES AND EXPECTATIONS



ROTBLOC WAS INITIALLY INVENTED FOR CHEMICALLY TREATED WOOD POLES WHICH ARE PRESENTLY MORE VULNERABLE THAN EVEN A DECADE AGO WITH THE LEGAL LIMITS OF CHEMICALS BEING REDUCED, AND SOME CHEMICALS EVEN BEING BANNED IN SOME STATES, SUCH AS PENTA. AFTER ROTBLOC WAS UTILIZED FOR TREATED WOOD, IT WAS THEN APPROVED BY THE WSDA FOR ORGANIC USE.

ROTBLOC IS APPROVED AND LISTED ON THE WSDA WEBSITE UNDER ORGANIC DEVICES LEGAL TO USE ON ORGANIC FARMS AND RANCHES. ROTBLOC HAS ALSO BEEN APPROVED IN CANADA BYPRO-CERT AND PACS FOR ORGANIC APPLICATIONS.

UNTREATED WOOD POLES WILL NOT LAST AS LONG COMPARED TO CHEMICALLY TREATED POLES. ROTBLOC'S SUCCESS ON UNTREATED POLES IS RELATIVE TO THE WOOD SPECIES, CONDITION OF THE POLE, YOUR ENVIRONMENT AND HOW WELL YOU APPLIED ROTBLOC TO YOUR POLE.

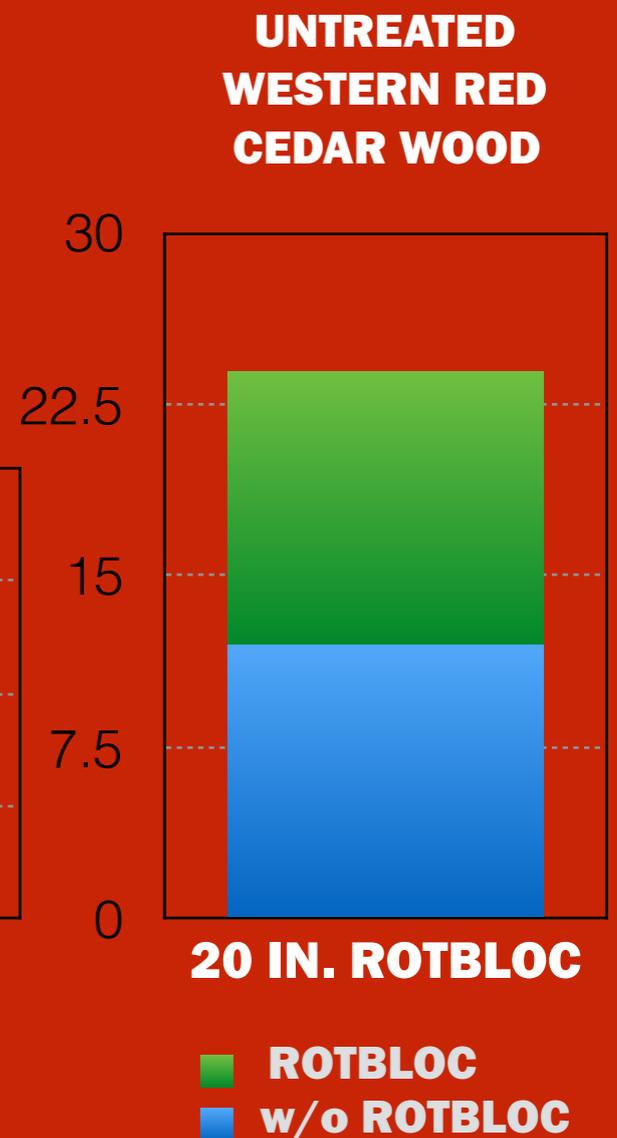
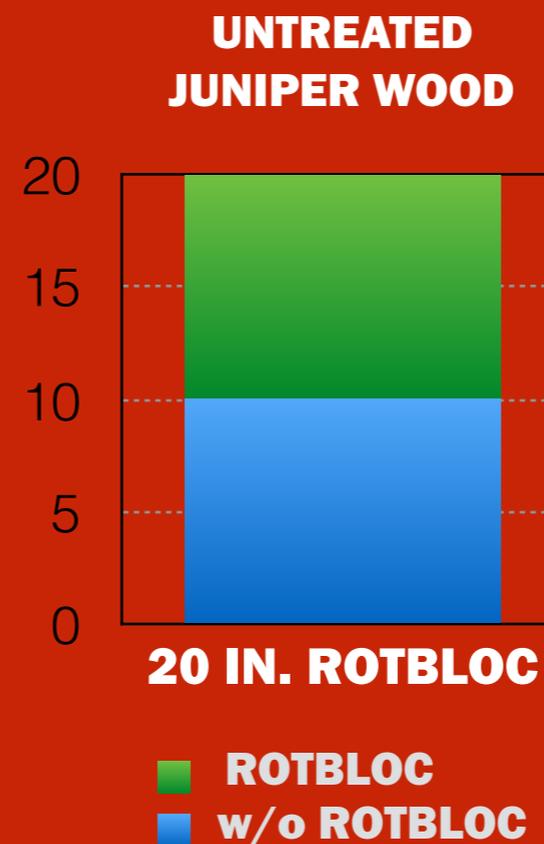
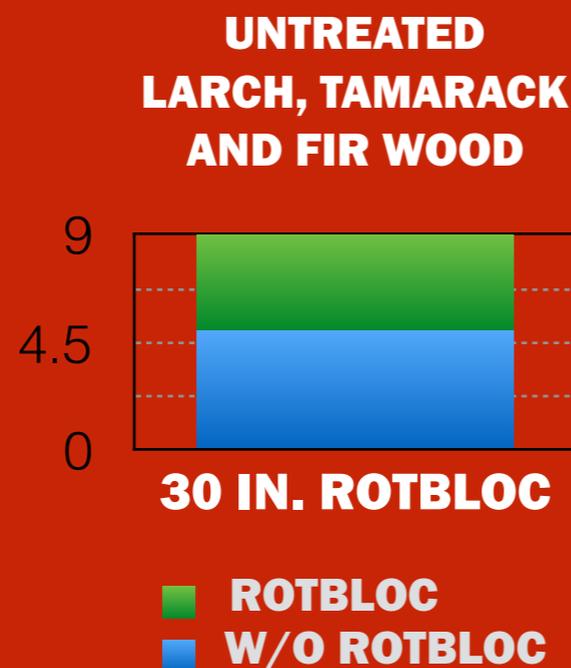
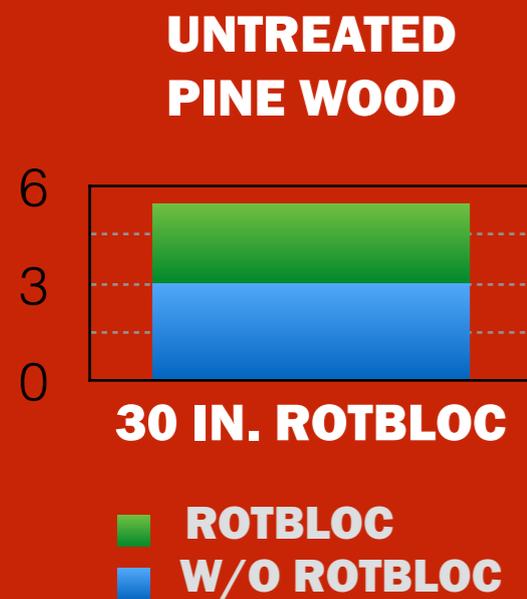
- **REFER TO THE CHART ON THE FOLLOWING PAGE FOR GENERAL LIFE EXPECTANCY.**

ROTBLOC *for* ORGANIC

SERVICE LIFE REFERENCE CHARTS (YEARS)

THESE CHARTS ILLUSTRATE MAXIMIZED SERVICE LIFE AVERAGES, RELATIVE TO THE WOOD SPECIES, CONDITION OF YOUR WOOD, FOLLOWING THE KEYS TO SUCCESS, AND YOUR ENVIRONMENTAL CONDITIONS.

NOTE: YOUR SPECIFIC BEGINNING AND ENDING YEARS MAY LOOK BETTER OR WORSE THAN THESE CHARTS BASED ON YOUR SITUATION.



● The above chart is an **GENERIC ESTIMATE** based on average available data. Your specific results could vary relative to condition of your post, soil types, and climate and how well you installed it. **The benefits of ROTBLOC are relative the above, compared to the life expectancy of your poles without ROTBLOC.**

ROTBLOC *for* ORGANIC

SUMMARY FOR SUCCESS AND REALISTIC EXPECTATIONS.

ROTBLOC IS A GREAT SOLUTION TO MEETING ORGANIC GROWERS NEEDS FOR AN ENVIRONMENTALLY FRIENDLY, ZERO-WASTE SOLUTION. THE KEY IS TO BE EDUCATED ABOUT THE WOOD SPECIES YOU ARE USING, MINIMIZING IRRIGATION, KNOW THE PROS AND CONS OF YOUR SPECIFIC ENVIRONMENTAL CONDITIONS PREPARE YOUR WOOD POLES FOR MAXIMUM SUCCESS. WE ENCOURAGE YOU TO FOLLOW THE KEYS TO STANDARDS ILLUSTRATED HERE.

ORGANIC GROWERS WHO HAVE USED ROTBLOC ON THEIR UNTREATED WOOD POLES HAVE HAD SUCCESS COMPARED TO THE TYPICAL ROT AND DECAY SEEN AS EARLY AS ONE YEAR ON AN UNTREATED POLE WITHOUT ROTBLOC. SO FAR WE HAVE SEEN POLES LAST LONGER THAN 50%, BUT IT IS STILL RELATIVE TO ATTENTION YOU GIVE YOUR POLES AS WE RECOMMENDED ABOVE.

● **NOTE:** THAT FUNGI AND BACTERIAL WILL BREAK DOWN YOUR UNTREATED WOOD. ROTBLOC IS SIMPLY BUYING YOUR POLES MORE TIME. IT IS NOT A MATTER OF IF YOUR POLES WILL ROT, IT IS MATTER OF WHEN.

● **NOTE:** CAN REUSE ROTBLOC ON THE NEXT POLE TO DOUBLE ITS VALUE, IF YOU ADD ADDITIONAL INCHES TO YOUR INITIAL OVERLAP MEASUREMENTS.



EX: UNTREATED PINE POLE TAKEN OUT OF THE GROUND AFTER 4 YEARS THAT WAS COVERED WITH FULL COVERAGE OF ROTBLOC IN A ORGANIC HOP FARM IN NEVADA. **PHOTO:** COURTESY OF THE FARM OWNER.