

SPIN WEEDERS FOR HIGH SPEED IN-ROW CULTIVATION



**KW2502-SW w/
Optional Dual Gauge
Wheels Shown**

The Spin Weeder is a "patent pending" berm tilling and in-row weeding system. The Spin Weeder digs into the row line, tills the soil and uproots the weeds. Also, the 18" half sweep aids the wheel to enter the ground and weeds up to an additional 9 inches. The Spin Weeders do not require a power source as they are self-powered by the forward speed of the tractor. The units can be mounted on fixed or hydraulic adjustable frames. Spin Weeders operate most effectively at 5 to 7 MPH. The weeders do not damage plant trunks because of three special features:

1. The adjustable spring loaded retraction system
2. The weeder wheels spin around the plant base
3. Tilled soil is forced between the weeder wheel and the vine base giving additional cushion

The Spin Weeders were developed for vineyards, but can also be used for in-row weeding in narrow row orchards.



**Fixed Front Mount
Frame with One
SpinWeeder**

Question: How was the Spin Weeder developed?

Answer: Dave Kohler, a grape grower in Washington State, was not happy with the results of the many different in-row implements that he tried and was determined to come up with a better system. It took him over 10 years of trial and error to develop the Spin Weeder. "Frustration is the mother of invention"

Question: Is the Spin Weeder patented?

Answer: There is a patent pending on the Spin Weeder.

Question: What is the major use of the Spin Weeder?

Answer: The Spin Weeder is a berm tilling and in-row weeding system that can be used throughout the year.

Question: Since the Spin Weeder was designed for vineyards, is this the only application for this tool?

Answer: No, the Spin Weeder can be used for any crop with a weed problem in the row line.

Question: How does the Spin Weeder operate?

Answer: The Spin Weeder digs into the row line, tills the soil and uproots the weeds. Also the 18" half sweep aids the wheel to enter the ground and weeds up to an additional 9 inches.

Question: How deep does the Spin Weeder go into the soil?

Answer: On flat ground you set the wheel to till approximately 2" deep. On a raised berm you can set it to till up to 5" deep.

Question: What is the chance of damaging the vines?

Answer: The chances are very rare for 3 reasons: the adjustable spring loaded retraction system, the weeder wheels spin around the vines, and the tilled soil is forced between the weeder wheel and the vine base, thus giving additional cushion.

Question: How large of diameter do the vines need to be to prevent damage?

Answer: We have used the Spin Weeder on vines as small as one inch in diameter without damage as long as there is not too much tension on the Spin Weeder spring.

Question: How fast can I operate the Spin Weeder?

Answer: The Spin Weeder is most effective at tractor speeds of 5 to 7 miles per hour, which is a major selling point of the unit. More acres per day means less cost to growers.

Question: How tall of weeds will the Spin Weeder remove?

Answer: Since the Spin Weeder is an in-row weed maintenance tool, we recommend that you operate when the weeds are about 3" to 6" tall. However, the Spin Weeder can take out weeds up to 3 feet tall as long as it is not solid tall weeds.

Question: What is the different mounting systems for the Spin Weeders?

Answer: We currently offer the Spin Weeders mounted on hydraulically adjustable and fixed frames. You can purchase just the Spin Weeder to mount on between row implements such as discs, cultivators, etc.

Question: Do I need a tractor PTO to operate the Spin Weeder?

Answer: No, the Spin Weeder turns by the forward speed of the tractor.

Question: What horsepower tractor is required to operate the Spin Weeder?

Answer: We recommend at least a 45 horsepower tractor for dual spin weeders.

Question: What adjustments do I need to make before starting to use?

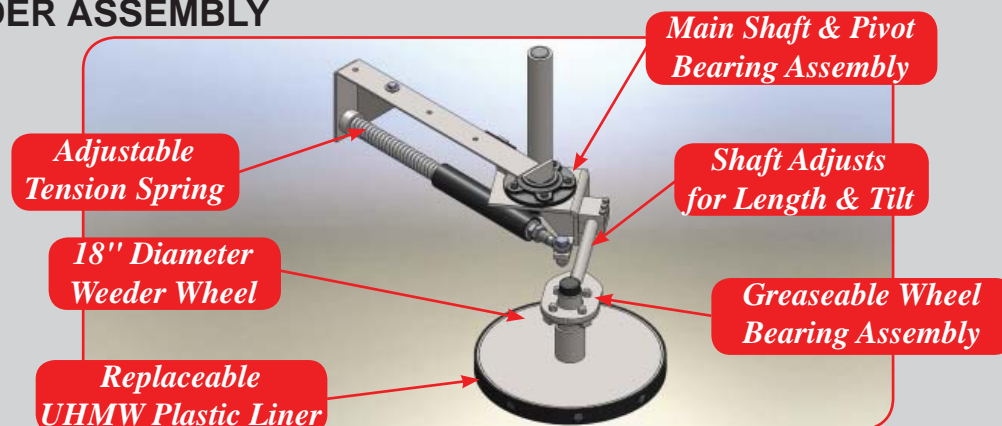
Answer: The operators manual will show the few easy steps to set for your vineyard rows. Once you have the Spin Weeder set, you may not ever have to adjust again.

Question: I use chemicals to control berm weeds, why should I change?

Answer: We feel there are a number of reasons you should consider changing:

1. Of course, environmentally it is always best to eliminate chemicals.
2. When you consider the cost of spraying equipment and herbicides, the Spin Weeder can be more economical.
3. If there is debris as well as weeds in the berm it greatly affects herbicide spraying, but does not affect the Spin Weeder.
4. Since the Spin Weeders also till the soil, we have the advantage of aerating and drying out the soil, removing insects and destroying tunnels created by rodents.

SPIN WEEDER ASSEMBLY



VINEYARD AFTER BEING "SPIN WEEDED"



FEATURES:

- Cat. 1, A.S.A.E. quick hitch
- Fixed or hydraulic frame with dual 2" x 18" cylinders
- New *"Patent Pending"* weeding system
- 18" Diameter weeder wheels tills and weeds up to 5" deep
- Weeders are self powered by the forward speed of the tractor
- Operates effectively at tractor speeds from 5 to 7 MPH
- Weeder wheels are adjustable up and down, in and out
- Weeder wheels are lined with replaceable long wearing, 1/4" thick UHMW plastic
- Spin Weeders have greaseable bearing hubs for long life
- Hydraulic frames come complete with hoses and male couplers



18" Half Sweep to Weed up to an Additional 9"

OPTIONS:

- ~ 18" Diameter adjustable coulter assembly
- ~ Dual adjustable height gauge wheels with 18 x 8.5 floatation tires to be positioned to the tractor tires tread width for added stability

Your Gearmore Dealer



Smooth Underside of Wheel, No Spikes That Would Only Clog Up With Trash



Optional 18" Diameter Coulter

SPECIFICATIONS:

MODEL	ROW WIDTH	FRAME ADJUST	3-POINT HITCH	NO. OF SPIN WEEDERS	WEIGHT
KW-2204	6' to 7'	Fixed	Cat. 1, Rear Mount	1 or 2	220#
KW-2306	8'	Fixed	Cat. 1, Rear Mount	1 or 2	260#
KW-2308	10'	Fixed	Cat. 1, Rear Mount	1 or 2	300#
KW-2402-SW	8' to 10'	Hydraulic	Cat. 1, Rear Mount	2	1120#
KW-2502-SW	10' to 12'	Hydraulic	Cat. 1, Rear Mount	2	1200#