



Nutrien Controlling weeds in Vineyard's workshop

1/25/2021

- Single vineyard with high pressure fleabane, patches silverleaf nightshade and mixed grass weed species.
- Chardonnay on sand and Shiraz on clay blocks were used
- Treatments Applied from August till Early November
 - 1. Mid August Glyphosate then nil treatments (control) Approx. \$15 sprayed hectare
 - 2. Mid August Glufosinate plus Rifle 440 & Chateau then 1 x glufosinate 200 plus hammer 400. Approx. \$240 sprayed hectare
 - 3. Mid August Glyphosate then 1 x Paraquat plus hammer 400 mostly targeted for sucker and weed control then 1 x Glufosinate 200 plus hammer 400. Approx \$140 sprayed hectare
 - 4. Mid August Glyphosate then 2 x Glufosinate with hammer 400. Approx. \$120/ha

- Early weed development was limited following July knockdown and clean up.
- Spring weed development occurred following rain and irrigation which paraquat on this property did not suppress adequately
- Best results for this property was the use pre-emergant herbicide treatment in August post pruning then follow up with glufosinate plus hammer 400 to control any escape weeds.

**Chardonnay untreated at bottom
into treated area**



Chardonnay untreated patch and
mown midrow



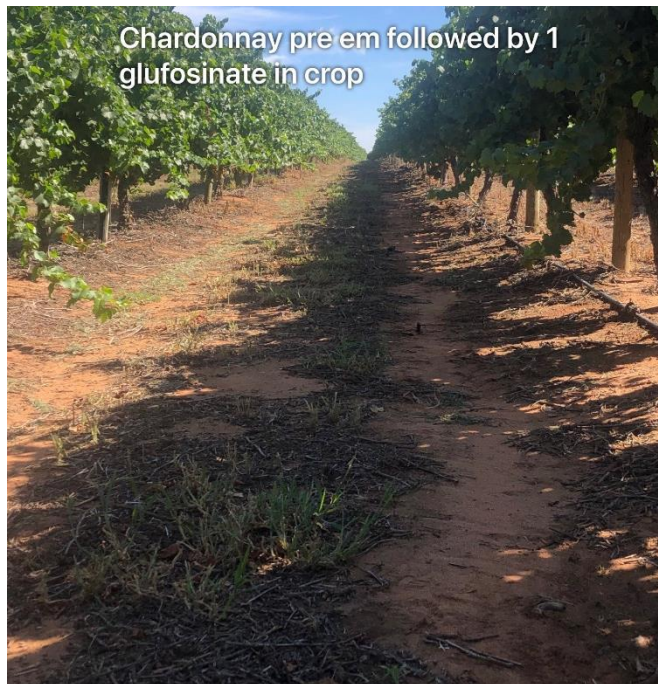


Chardonnay pre em followed by 1
glufosinate in crop



Chardonnay pre em followed by 1
paraquat in crop







Shiraz undervine with 1 paraquat
and 1 glufosinate since budburst



Shiraz with pre em and then 2
glufosinate



Shiraz with pre em and then 2
glufosinate



Shiraz undervine with 1 paraquat
and 1 glufosinate since budburst

