

**Fig. S4.** A decision tree, based on our experimental results and published literature (see Appendix S1), to determine when and how to use fluroxypyr spraying to control *Hypericum perforatum*. High conservation (floristic) value sites include Box Gum Grassy Woodlands and Natural Temperate Grasslands. Low floristic value sites include exotic or native pasture and sites with low native diversity. Coloured boxes indicate the ultimate plant community to be treated, with colours indicating their priority rating and numbers indicating their level of importance within priority levels. \* Manual control can include brush cutting, hand removal (following rain, where possible) mowing and grazing. † Spot spraying should be applied at a lower rate than the manufacturer's instructions (i.e. 5 kPA rather than 15 kPA). ‡ In high floristic value sites, boom spraying should be applied with a fine droplet and when there is no wind.

